

Growing Patterns

Directions: Fill in each blank with the correct number to continue the pattern.

1. 35, _____, 55, 65, 75, 85, 95
2. 10, 25, 40, _____, 70, 85
3. 25, _____, 75, 100
4. 7, 14, 21, _____, 35, 42, 49
5. 100, 90, 80, _____, 60, 50, 40
6. 1, 3, 6, 10, _____, 21, 28, 36
7. 23, 26, _____, 32, 35, 38
8. 24, 20, 16, _____, 8, 4
9. 2, 4, 6, _____, 10, 12, 14
10. 8, 16, 24, 32, _____, 48, 56

Directions: Which comes next? Circle the correct answer.

11. 
12. 
- a. 
- a. 
- b. 
- b. 
- c. 
- c. 
- d. 
- d. 

Directions: Fill in the missing spaces in the table. Look at each table. Write the rule or the function for the table.

13.

Input	Output
5	10
8	16
9	18
10	
	30
20	

Rule: _____

14.

Input	Output
10	8
12	
9	7
8	6
6	
4	2

Rule: _____

15.

Input	Output
20	24
21	25
30	34
32	
40	44
	52

Rule: _____